GOVERNMENT OF INDIA
ENVIRONMENT, FORESTS AND CLIMATE CHANGE
LOK SABHA

UNSTARRED QUESTION NO:6129
ANSWERED ON:11.04.2017
Pollution Control Devices for Vehicles
Ering Shri Ninong

Will the Minister of ENVIRONMENT, FORESTS AND CLIMATE CHANGE be pleased to state:

(a) the time required to complete validation tests and optimize DPF (Diesel Particulate Filter) and SCR (Selective Catalytic Reduction) for Indian condition;
(b) whether the Government would be able to uphold the promises made at the Climate Change Conference in Paris in 2015 regarding implementation of BS-VI standards by 2020 and if so, the details of the annual action plans for achieving this goal;
(c) whether advancing the implementation of BS-VI norms by four years would help improve air quality in the country and if so, the details thereof;
(d) whether the Government has studied/assessed the implications of implementing BS-VI norms on various sectors in the country; and
(e) if so, the details thereof along with the action plan proposed to be taken in this regard?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIORNMENT, FOREST AND CLIMATE CHANGE
(SHRI ANIL MADHAV DAVE)

(a) Validation tests to optimize Diesel Particulate Filter (DPF) and Selective Catalytic Reduction (SCR) have been carried out in different parts of the world and manufacturers are required to complete the process in India before coming into force of BS-VI norms with effect from 01.04.2020.

(b) Government has issued notification number G.S.R. 889(E) dated 16.09.2016 which mandates mass emission standards for BS-VI. Necessary actions in this regard have to be taken by vehicle manufacturers and refineries.

(c) to (e) It is estimated that implementation of BS-VI emission norms shall result in reduction of emission of particulate matter (PM) and oxides of nitrogen by 82% and 68% respectively in case of diesel passenger cars. In the segment of Heavy Duty Vehicles (HDVs), the expected reductions will be 88.5%, 72% and 50% in the emission of NOx, Hydrocarbons and PM respectively. Implementation of BS-VI norms would result in improved air quality.

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